Creative Enzymes®

D-ribitol-5-phosphate cytidylyltransferase

Cat. No. EXWM-3252

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is CTP:D-ribitol-5-phosphate cytidylyltransferase. Other names in common use include CDP ribitol pyrophosphorylase, cytidine diphosphate ribitol pyrophosphorylase, ribitol 5-phosphate cytidylyltransferase, and cytidine diphosphoribitol pyrophosphorylase. This enzyme participates in pentose and glucuronate interconversions.
Synonyms	CDP ribitol pyrophosphorylase; cytidine diphosphate ribitol pyrophosphorylase; ribitol 5-phosphate cytidylyltransferase; cytidine diphosphoribitol pyrophosphorylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.40
CAS No.	9027-07-0
Reaction	CTP + D-ribitol 5-phosphate = diphosphate + CDP-ribitol
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.